

The frost performs its secret ministry, Unhelped by any wind.

Samuel Taylor Coleridge, "Frost at Midnight"

# The state of universities

MAX WYMAN, President of the University, delivered the following address at Fall Convocation, on November 20, 1971.

### THE ATTACK ON EDUCATIONAL INSTITUTIONS

Although it has become somewhat trite to talk about a crisis in higher education, I wonder how many of us realize that our educational institutions are now in a "state of siege," and how few are left who are willing to man the barricades in defence of the institutions which have provided us with the major part of our culture and a significant part of our wealth? Our educational institutions are now under attack from society, from staff, and from students, and the ferocity of that attack has already closed the doors of some universities, and is in the process of driving many more to the point of collanse.

The hostility society now displays for its educational institutions is dangerous, and its effects are now becoming readily visible to the university community. With the approval of society, governments are cutting the rates of educational spending, but too quickly and too harshly, and therefore society is in danger of destroying something that should be nurtured and preserved. This hostility has now found its way into our homes, as the disenchantment of the parents is translated into the disenchantment of the children, and the result has been the loss of a post-secondary education to about 100,000 of the young people of Canada.

There is no question that the mood of the nation is against spending, and that the

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high costs of education have turned the nation against the universities. However, as important as money may well be in determining the mood of our people, there is a much deeper philosophical reason for the mood of the nation. I should like briefly to discuss both of these points.

#### DISILLUSIONMENT WITH THE RESULTS OF EDUCATION

My first point is concerned with the current disillusionment over the results of university education.

The release of nuclear energy some twenty-five years ago, with its obvious importance, and the successful launching of Sputnik I about fourteen years ago, with its obvious drama, made the peoples of the world realize the power the acquisition of knowledge could give, and an aura of glamor came to surround the pursuit of knowledge. However, the search for power was not enough, and during the 1950's and 1960's, a cult of education began to permeate the world. This cult took on the nature of a religious faith, a faith that believed educational systems could and would solve all of the social and economic problems of the world. This was a goal no educational system could hope to accomplish and when, in spite of the billions of dollars spent on education. there was an increase in our social problems, and a severe intensification in our economic problems became evident, the nation turned hostile to its educational institutions. Now the leaders of the nation seem to have launched an all-out attack on those institutions. I will return to this point in a moment.

# THE CONCERN OVER SPENDING

My next consideration is the rising concern over the cost of education.

For years, the Economic Council of Canada was the high priest of the cult of education, and over and over again extolled the economic gains that active support of education could give. Now, even this "defender of the faith" has turned, and currently accepts the thesis that our educational systems are inefficient, and the supposed or so-called efficiency of the business world must now be applied to our educational systems. More recently, the Education Committee of the Alberta Chamber of Commerce has published a document called "A Position Paper on Education in Alberta" which accepts this theme with a vengeance. When I say that the language of this document is intemperate, its use of statistics is naive, and its conclusions are presented in a polemical style without proof, it is not

my intention to provoke a confrontation between town and gown, a confrontation that will do no one any good. It is my desire to bring these two groups together so that they will speak the same language, use valid statistical analyses, and obtain conclusions which are capable of proof.

In the preamble to this document, we find the statement: "One of the principal reasons for the Alberta Chamber of Commerce deciding to prepare a submission in respect of education, is the realization that the cost of education is becoming completely out of hand. We have 'a tiger by the tail' and we have to do something.'

Since these are intemperate words, I would like to ask what is this "tiger by the tail" about which we have to do something? Let me use the data given for The University of Alberta to illustrate the points I wish to make.

### INCREASED COSTS AND WHAT THEY BOUGHT

For 1959-60 the full-time enrolment of The University of Alberta is given as 5.337 and by 1969-70 the corresponding enrolment is given as 17,354, an increase of 225 per cent. Again for 1959-60 the operating budget was \$8,616,000 and this increased to \$53,525,000 by 1969-70, an increase of 521 per cent, with the somewhat obvious, if unstated, conclusion that about 300 per cent went down the drain in some way or other. Is this the "tiger by the tail"? I think not, and I think not for the following

The given data can be made to vield the following information. During that ten year period, student enrolments increased by 12.5 per cent per year, and the University budget increased by 20.1 per cent per year. However, during that ten year period, inflation occurred at an annual rate of 2.5 per cent per year. So that when one discounts these percentages in a proper way, our unit costs measured in comparable dollars increased by 4.2 per cent. The question is: What did The University of Alberta do with that 4.2 per cent?

First, the University increased salaries. With enrolments tripling all over this continent a seller's market was created for qualified staff, and an institution with a goal to pursue excellence could not ignore that market.

Second, in the period from 1960 to 1970. The University of Alberta experienced its greatest growth of excellence, a growth that was not equalled during any other time in its history. From a university with a severely limited research capacity and a severely limited graduate enrolment, there emerged a university with a major research capacity and a major graduate enrolment. Undergraduate innovations were made. Major computer facilities were obtained, and the University

meeting of the Shevchenko Scientific Society in November. OLEH ZUJEWSKYJ, Associate Professor of Slavic Languages, had presented a paper to the Society in October.

- JOHN KING-FARLOW. Associate Professor of Philosophy, gave a public lecture at Loyola University in Montreal, and read a paper to the philosophy faculty of the University of Saskatchewan, Regina Campus.
- "Fanfare and Passacaglia for orchestra" by VIOLET ARCHER, Professor of Music, was heard in its British Columbia première in Victoria, British Columbia, on December 5, played by the Victoria Symphony Orchestra. The performance was repeated on December 6.
- CLARENCE H. PREITZ, Associate Professor of Industrial and Vocational Education, has been appointed to the Publications Committee of the American Industrial Arts Association.
- KAROL KROTKI, Professor of Sociology, has been presented with the 1971 Achievement Award by the government of Alberta in recognition of commendable achievement in the field of sociology and demography.

# NOTICES

# 'FOLIO' PUBLICATION DATES

This is the last folio to appear before Christmas. The next one will be issued in the week between Christmas and the New Year, on Tuesday, December 28. Material for it should be delivered to the Folio office no later than 9 a.m. Monday, December 20. From Thursday, January 6, 1972, Folio will again be published each Thursday.

# GENERAL FACULTIES COUNCIL

There will be a meeting of General Faculties Council on Monday, December 20, in University Hall at 2 p.m.

# BOOMER MEMORIAL LECTURES

The Department of Chemistry regrets that owing to unforeseen circumstances the Boomer Memorial lectures, scheduled for December 7, 8, 9, and 10, were unable to take place. The lectures will be rescheduled in the new year and an announcement concerning them will be placed in FOLIO at that time.

# REGISTER OF RESEARCH DIRECTORS

The Reference Department of Cameron Library has received a copy of the Register of Research Directors, recently completed by the Research Grants and Contracts Office of the Faculty of Graduate Studies and Research.

This three-volume Register contains

summaries of the current research and objectives of approximately 815 research directors at The University of Alberta. It is arranged alphabetically by faculty, department, and name of research director. The *Register* also indicates if a specific collection of books, documents, or handwritten material relating to a research director's current research has been assembled, where it is located, and how it is available (by consultation, by reproduction, on loan, etc.).

The Dean of Graduate Studies and Research has suggested that the *Register* should be of assistance to students in planning graduate programs, in familiarizing themselves with the research interests of prospective supervisors under whom they may wish to do graduate research and in locating other resource people whom they might contact when pursuing their research. New staff members may wish to consult the *Register* in order to locate research interests which overlap with theirs. Library staff have already found the *Register* very useful in assisting with collection development and in directing reference services.

The Register may be consulted in the Reference Reading Room, Main Floor, Cameron Library.

# BRIEFS REQUIRED ON THE SIZE

The General Faculties Council ad hoc Committee to Gather Information on the Size of the University would welcome written briefs on the subject of the size of the University from any interested groups or individuals. Briefs should be addressed to F. W. BIRSS, Department of Chemistry, and should arrive before February 28, 1972.

# 'CROSS COUNTRY CHECKUP'

The CBC national network radio program "Cross Country Checkup" heard on Sunday afternoons at 3:10 p.m. on CBX radio, will be broadcast from the Students' Union Theatre on Sunday, December 19. Free tickets are available for the studio audience from the Students' Union Information Desk. The subject is "Canada's Oil and Gas Policy" and will feature J. T. RYAN, Professor of Chemical and Petroleum Engineering.

"Cross Country Checkup" is an open line radio program which invites collect phone calls from anywhere in North America. It has involved some of the most prominent people on the continent.

Further information may be obtained from HENRY H. MAMET, Director of Radio and Television, 432-4962.

# CHANGE OF ADDRESS

The radio studio of the Department of Radio and Television, which used to be located in 319 Arts Building, has been

moved and is now housed with the television studio in the basement of the Biological Sciences Building, Centre Wing, CW005.

#### INTERIOR DESIGN COURSE

The Department of Extension is accepting registrations for a course in Interior Design commencing Thursday, January 6. This fifteen-week course will include discussion of home planning and furnishing in terms of architectural styles, judging houses and house plans, planning work and storage areas, traditional and modern furniture styles, color schemes, floor coverings, wall decorations, and flower arrangements.

The instructor is HELEN BENTLEY, Associate Professor of Household Economics. The class will meet from 7:30 to 9:30 p.m., and the fee for the course is \$35. Registration forms are available from the Department of Extension at Corbett Hall, telephone 439-2021. Employees of the University may register by paying half of the fee. Application for discount must be made at the time of registration.

#### TRASH CITY

During the month of January, Edmonton Art Gallery will offer children the opportunity of building an environment out of materials which are normally thrown away. The purpose is to give the children a chance to create a city according to their own vision and to give them the experience of finding, altering, and recycling trash.

Materials required for this project include lumber, crate plywood, and mill ends; scraps of cloth, leather, and yarn; cardboard boxes, packaging cardboard, ice cream cartons; scraps of plexiglass and foam, styrofoam; obsolete electrical parts, wax, polythene sheeting, and so on. The gallery would also like to borrow staple guns, paint brushes, hammers, and saws.

A full list of requirements and directions for delivery may be obtained from the Gallery, telephone 429-6781.

The public will be invited to observe and participate in building the city.

# THIS WEEK AND NEXT

Listings must reach the Editor by 9 a.m. the Friday prior to publication. Written notification is preferred.

Compiled by NORMA GUTTERIDGE, 432-4991.

# 16 DECEMBER, THURSDAY

# Speech Pathology Lecture

7:30 p.m. "A token economy (operant conditioning) in the treatment of stuttering" by GAVIN ANDREWS of the University of New South Wales. Sponsored by the Division of

Speech Pathology and Audiology of the School of Rehabilitation Medicine. Clinical Sciences Building, Room 2-115.

### 17 DECEMBER, FRIDAY

#### Faculty Club

Downstairs. TGIF—Baron of Beef. \$2.50 per person. Music by Sound Investment. Upstairs. Gourmet Special. Lobster night. \$7.50 per person. Also regular menu. Dinner 6 to 9 p.m.

# 18 DECEMBER, SATURDAY

#### Basketball

8 p.m. Golden Bears vs. Northern Montana College. Main gymnasium.

#### **Faculty Club**

Upstairs. Gourmet Special. Lobster Night. \$7.50 per person. Also regular dinner menu. Dinner 6 to 9 p.m. Dancing afterwards to the music of ED WENSLEY. There will be no casual dining in the Saskatchewan Room during December.

### 22 DECEMBER, WEDNESDAY

#### Theatre 3

8:30 p.m. The Event, an original play scripted by Artistic Director MARK SCHOENBERG, and built by the company of Theatre 3, dealing with Christmas and what it has come to mean in Canada.

Until 2 January, Tuesday, Wednesday, and Thursday at 8:30 p.m. Friday and Saturday. 7 and 10:30 p.m. Sunday 2 p.m. Closed Mondays. Tickets available at McCauley Plaza Box Office (422-4411) or by phoning Theatre 3, 433-7870. All performances at "The Theatre Beside," Victoria Composite High School.

# 23 DECEMBER, THURSDAY

# West Indian Society

8:30 p.m. Christmas Get-together, featuring Parang, carols, dancing. Refreshments will be served. Ritchie Community Hall. Admission \$1 per person. For tickets telephone 439-4183.

# 24 DECEMBER, FRIDAY

# Faculty Club

Club closed at noon. Club closed also 25 and 26 December.

# 29 DECEMBER, WEDNESDAY

# Faculty Club

Family night. Ham in pastry, steamed pudding. Family movies. Adults \$2.75, children \$1.25.

# 31 DECEMBER, FRIDAY

# Faculty Club

8:30 p.m. "New Year's Eve"—Lobster, Stuffed Beef Tenderloin, Caesar Salad, Orange Beignet. Dancing from 8:30 p.m. to two top bands. Drinks served from 9 p.m. to 1 a.m. Hats, noisemakers, and a good time for all. \$15 per person, inclusive of drinks, wine, meal, etc. Tickets must be picked up and paid for by December 18. No cancellations after that date.

### University New Year's Eve Party

9 p.m. Music by TONY THOMPSON and his band; hot and cold buffet. \$15 per couple, everyone welcome. Lister Hall. Tickets from Lister Hall main office.

### **EXHIBITIONS AND PLAYS**

#### SUB Art Gallery

20 December to 7 January. "Prints from the Nova Scotia School of Art and Design." (National Gallery.)

#### **Edmonton Art Gallery**

Until 26 December. "Bruce Bentz—Transition." BRUCE BENTZ is an Assistant Professor of Art and Design, The University of Alberta. 12 December to 9 January. Prints and drawings by MARVIN JONES. Until 31 December. "Painterly Realism." (American Federation of Arts.)

#### Studio Theatre

Until 18 December. Evenings at 8:30. The Ticket of Leave Man by Tom Taylor. Tickets from Studio Theatre Lobby, Corbett Hall.

# PERSONAL NOTICES

Notices must be received by 9 a.m. the Friday prior to publication. Rate is seven cents per word for the first insertion and five cents per word for subsequent insertions ordered with the first. Minimum charge is \$1. To avoid billing, notices MUST BE PAID IN ADVANCE. For assistance or order blanks, telephone Mrs. Adrienne Lent, 432-4991.

# Accommodation available

- FOR RENT—Furnished room with cooking facilities. Three blocks from campus, \$37.50, includes utilities. John Stewart, 433-2456.
- FOR RENT—North Glenora, January 1 until July 31. Lovely three-bedroom, two-bath home, double garage. Finished basement with rumpus room, fourth bedroom. All major appliances, some furniture. Schools, shopping close. Seven minutes University. \$275 monthly. 454-8831.
- FOR RENT—Three-bedroom furnished or partly furnished house close University. June, 1972, one year. 433-1636 evenings.
- FOR RENT—Windsor Park, bedroom, \$40. 439-8369 after 5 p.m.
- FOR RENT—Large raised and insulated basement suite, partly furnished. Phone Kay 432-4758, evenings 454-7773.
- FOR SALE—Grandview—large, attractive home with living room, fireplace, separate dining room, kitchen, and den--bedroom main floor. Three large bedrooms, two baths upstairs with panelled study and rumpus room in basement. Two-car garage. Please phone owner 434-1516.

# **Accommodation Wanted**

WANTED—Third person to share large three-bedroom house (109 Street and 86 Avenue) with two men.

Douglas 432-3713 (days), 433-5510 (evenings).

#### Goods and services

- FOR SALE—Refrigerator, freezer, washer and dryer, excellent condition. Boy's and girl's bicycles, \$20 each. Also baby car seat, play pen, bassinet, \$8 each. 434-6793 after 6 p.m.
- FOR SALE—Minolta camera and case. Cartridge load. Superior quality features, like new. 469-8573, 432-5570.
- FOR SALE—6-volt VW gas heater, \$60. 433-3844. FOR SALE—Kerry Blue Terrier puppies. Lovely to look at, delightful to own, intelligent, full of love and Irish blarney. No shedding, no doggy odor. Show quality. Top American sire. Ready for Christmas. 432-8525.
- STENOGRAPHIC SERVICES—in my home; letters, forms, term papers, mortgage tables, etc. 484-7650.
- FOR SALE—Registred English Springer Spaniel puppies—born October 26. 484-7934.
- FOR SALE—Stereo components, two amplifiers, AM-FM tuner. Garrard turntable, two speakers, \$85; stereo tape recorder and cabinet, includes microphones and headset, good condition, \$115. 432-5698 or 439-4566.
- ARE YOU wanting to buy something different for Christmas? Why not phone Jenny VanDonselaar and arrange to have a look at her pottery. Prices are reasonable. 439-8295.
- FOR RENT—Ho! Ho! Ho!, jingle bells and stuff; evening sleigh rides, special group rates. Dick 466.3548
- FOR SALE—Introspective but personable young Brazilian boa constrictor. With terrarium and instructions. 434-0437.
- FOR SALE—Purebred German Shepherd puppies. 599-4845 evenings and weekends.
- FOR SALE—Used bedroom, living room and kitchen furniture. Good condition. 466-7588 after 5 p.m. FOR SALE—Toboggan, girl's bicycle, games, etc. 488-9145.
- FOR SALE—Cross bred puppies. \$5. 466-8838.

  MUST SELL—Furniture for living, kitchen, bedroom suites. Available until January. Dr. Katayama 432-3806, 432-7319.

# POSITIONS VACANT

# NON-ACADEMIC STAFF

Applicants are sought for the following positions. The Personnel Office (Room 121, Administration Building) will provide further details to interested persons, who are asked not to approach the departments directly.

Clerk (\$274-\$350)—Education—Curriculum
Laboratory; Comptroller's Office
Clerk Typist II (\$317-\$405)—Extension
Clerk Steno II (\$333-\$425)—Secondary Education
Clerk Typist III (\$368-\$468)—Theoretical Physics
Payroll Clerk II (\$405-\$516)—Comptroller's Office—
Pensions

Secretary (\$446-\$569)—Political Science
Departmental Secretary (\$516-\$658)—Graduate
Studies

Equipment Assistant I (\$2.25 per hour)—Physical Education

Feed Mill Operator (\$542-\$691)—University Farm Bacteriology Technologist I (\$491-\$627)—Provincial Laboratory

Biochemistry Technologist II (\$468-\$691)—Pharmacology

Laboratory Assistant II (\$350-\$446)—Provincial Laboratory; Physics

Electron Microscope Technician (open)—Anatomy Assistant Control Clerk (\$288-\$368)—Library